

I CLAIM:

1. A semi-closed air cooling type radiator comprising:  
a rectangular framed main body disposed on a CPU of a computer and having four side walls connected on corners by  
5 four cylindrical costs, an opened top and a plurality of vertical radiation fins spacedly disposed outer surface of said four side walls and a plurality of diagonal partition spacedly and alternately disposed inside said main body each having one end connected to an inner surface of said side  
10 walls and another end having an indenture between inner surface of said side wall so as to define an air circulation system in said main body in including a beginning and an end thereof;  
a rectangular lid covering the opened top of said main body having a pair of cylindrical tubes spacedly projected upward  
15 from opposing corners and an air inlet and air outlet respectively formed in said cylindrical tubes and relatively communicated to the beginning and the end of said air circulation system in said main body;  
an air circulation set having a first air guiding pipe  
20 including one end connected to the air inlet of said lid and another end connected to an air flow actuator on a top of a computer and a second air guiding pipe including one end connected to the air outlet of said lid and another end connected to an air vent in a lateral wall of said computer;  
25 whereby, said air flow actuator guides external fresh air

and refrigerant into said circulation system to cool up said radiator and said air vent exhausts the heat air from said air circulation system.

2. The air cooling type radiator as recited in claim 1,  
5 wherein said air flow actuator can be used to exhaust the hot air from said air circulation system where said air vent guides the fresh air into said air circulation system.

3. The air cooling type radiator as recited in claim 1,  
10 wherein said air flow actuator may be disposed inside a computer.

4. The air cooling type radiator as recited in claim 1,  
wherein said air circulation set can be able to serve for more  
then a pair of series connected radiators simultaneously by  
adding an addition air guiding pipe between said adjacent  
15 radiators.

20

25